

PUBLICATION NUMBER : 09082473  
PUBLICATION DATE : 28-03-97

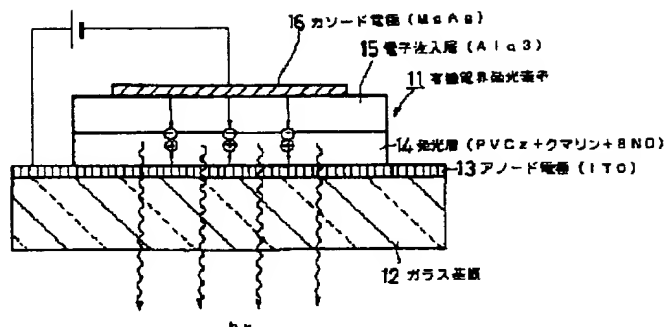
APPLICATION DATE : 14-09-95  
APPLICATION NUMBER : 07260997

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INT.CL. : H05B 33/14 C09K 11/06 H01L 33/00  
H05B 33/22

TITLE : ORGANIC EL ELEMENT



ABSTRACT : PROBLEM TO BE SOLVED: To provide an organic EL element which has a high light emitting efficiency and is easily manufacturable.

SOLUTION: On a base board 12 made of glass, elements are laminated in the sequence as named; i.e., an anode electrode 13 consisting of ITO, light emitting layer 14 prepared by mixing coumalin 6 and BND with PVCz, electron implanting layer 15 consisting of Alq 3, and cathode electrode 16 consisting of MgAg. From the cathode electrode 16, electrons are implanted into the light emitting layer 14 through the layer 15, and holes are implanted from the anode electrode 13 into the layer 14, and thereby the electrons are recoupled with the holes within the layer 14 so that light emission takes place complying with the fluorescent pigment. At this time, light emission of a high efficiency is obtained because the degrees of movement of the electron and hole are low in the light emitting layer 14, and it is possible to suppress generation of a non-coupling current, i.e., leak current.

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